

**List of Subjects 12 CFR Parts 917, 918 and 950**

Community development, Credit, Federal home loan banks, Housing, Reporting and recordkeeping requirements.

Accordingly, the Interim Final Rule amending 12 CFR chapter IX, which was published at 64 FR 71275 (Dec. 21, 1999), and amended at 65 FR 8253 (Feb. 18, 2000), is adopted as final with the following changes:

**PART 918—BANK COMPENSATION, EXPENSES AND MEETINGS**

1. The authority citation for part 918 continues to read as follows:

**Authority:** 12 U.S.C. 1422b(a), and 1427.

2. Revise the heading of § 918.2 to read as follows:

**§ 918.2 Annual directors' compensation policy.**

\* \* \* \* \*

3. Amend § 918.3 by:  
a. Revising the heading;  
b. Redesignating paragraph (a) as paragraph (a)(1);  
c. Adding paragraph (a)(2); and  
d. Revising paragraph (b), to read as follows:

**§ 918.3 Directors' compensation policy requirements.**

\* \* \* \* \*

(a) \* \* \*  
(1) \* \* \*

(2) Starting in 2000, the annual compensation limits set forth in paragraph (a)(1) of this section shall apply to the year in which any deferred compensation was accrued or earned by a director, and not to the year in which it is paid to the director.

(b) *Compensation permitted only for performance of official Bank business.* The total compensation received by each director in a year shall reflect the amount of time spent on official Bank business, and greater or lesser attendance at board and committee meetings during a given year shall be reflected in the compensation received by the director for that year. A Bank shall not pay a director who regularly fails to attend board or committee meetings. A Bank shall not pay fees to a director, such as retainer fees, that do not reflect the director's performance of official Bank business conducted prior to the payment of such fees.

4. Revise the heading of § 918.4 to read as follows:

**§ 918.4 Directors' expenses.**

\* \* \* \* \*

5. Revise § 918.7 to read as follows:

**§ 918.7 Maintenance of effort.**

(a) *General.* Notwithstanding the limits on annual directors' compensation established by section 7(i) of the Act, as amended, the board of directors of each Bank shall continue to maintain its level of oversight of the management of the Bank, and, except as provided in paragraph (b) of this section, the board of directors shall hold a minimum number of in-person meetings in any year equal to the lesser of:

(1) 9; or

(2) The number of in-person board of directors meetings held by the Bank on average over the immediately preceding three years (which number, if a fraction, may be rounded down to the nearest whole number, in the Bank's discretion).

(b) *Waiver of minimum meetings requirement.* A Bank may apply to the Finance Board for a waiver of paragraph (a) of this section pursuant to the procedures set forth in part 907 of this chapter.

6. Add § 918.9 to read as follows:

**§ 918.9 Date of applicability of removal of requirements regarding compensation of bank officers and employees.**

The removal of the requirements relating to compensation of Bank officers and employees in 12 CFR 932.19 (in the Code of Federal Regulations revised as of January 1, 1999), is applicable for all Bank officer and employee compensation years starting after December 21, 1999.

By the Board of Directors of the Federal Housing Finance Board.

Dated: February 23, 2000.

**Bruce A. Morrison,**  
*Chairman.*

[FR Doc. 00-6201 Filed 3-13-00; 8:45 am]

**BILLING CODE 6725-01-P**

**DEPARTMENT OF TRANSPORTATION****Federal Aviation Administration****14 CFR Part 25**

[Docket No. NM169; Special Conditions No. 25-157-SC]

**Special Conditions: Boeing Model 727-200 and 727-200F Series Airplanes; as Modified by Rockwell Collins; High-Intensity Radiated Fields (HIRF)**

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Final special conditions; request for comments.

**SUMMARY:** These special conditions are issued for Boeing Model 727-200 and

727-200F series airplanes modified by Rockwell Collins. These modified airplanes will have a novel or unusual design feature associated with the Rockwell Collins Multi-Mode Receiver (MMR) System. The applicable airworthiness regulations do not contain adequate or appropriate safety standards for this design feature. These special conditions contain the additional safety standards that the Administrator considers necessary to establish a level of safety equivalent to that established by the existing airworthiness standards.

**DATES:** The effective date of these special conditions is March 6, 2000. Comments must be received on or before April 13, 2000.

**ADDRESSES:** Comments on these special conditions may be mailed in duplicate to: Federal Aviation Administration, Transport Airplane Directorate, Attention: Rules Docket (ANM-114), Docket No. NM169, 1601 Lind Avenue SW., Renton, Washington 98055-4056; or delivered in duplicate to the Transport Airplane Directorate at the above address. All comments must be marked: Docket No. NM169. Comments may be inspected in the Rules Docket weekdays, except Federal holidays, between 7:30 a.m. and 4:00 p.m.

**FOR FURTHER INFORMATION CONTACT:** Mark Quam, FAA, Standardization Branch, ANM-113, Transport Airplane Directorate, Aircraft Certification Service, 1601 Lind Avenue SW., Renton, Washington 98055-4056; telephone (425) 227-2145; facsimile (425) 227-1149.

**SUPPLEMENTARY INFORMATION:****Comments Invited**

Interested persons are invited to participate in the making of these proposed special conditions by submitting such written data, views, or arguments, as they may desire. Communications should identify the regulatory docket or notice number and be submitted in duplicate to the address specified above. All communications received on or before the closing date for comments will be considered by the Administrator. The proposals described in this notice may be changed in light of the comments received. All comments received will be available in the Rules Docket for examination by interested persons, both before and after the closing date for comments. A report summarizing each substantive public contact with FAA personnel concerning this rulemaking will be filed in the docket. Persons wishing the FAA to acknowledge receipt of their comments submitted in response to these special conditions must include with those

comments a self-addressed, stamped postcard on which the following statement is made: "Comments to Docket No. NM169." The postcard will be date stamped and returned to the commenter.

### Background

On September 10, 1999, Rockwell Collins, Business and Regional Systems, 400 Collins Road NE., Cedar Rapids, Iowa, 52498, made application to the FAA for a Supplemental Type Certificate (STC) for the Boeing Model 727-200 and 727-200F series airplanes. These airplanes are low-wing, pressurized transport category airplanes with three fuselage-mounted jet engines. They are capable of seating between 170 and 189 passengers, depending upon the model and configuration (727-200F is not certificated to carry passengers). The proposed configuration of these modified airplanes will incorporate a Multi-Mode Receiver (MMR) system manufactured by Rockwell Collins. The affected aircraft are scheduled for delivery to the first customers in April 2000.

The Rockwell Collins MMR is a single integrated unit that enables approaches using instrument landing systems, microwave landing systems, and global navigation satellite system functions. These functions can be susceptible to disruption of both command and response signals as a result of electrical and magnetic interference caused by high-intensity radiated fields (HIRF) external to the airplane. This disruption of signals could result in loss of critical flight displays and annunciations, or could present misleading information to the pilot.

### Type Certification Basis

Under the provisions of 14 CFR 21.101, Rockwell Collins must show that the Boeing Model 727-200 and 727-200F series airplanes, as modified to include the MMR installation, continue to meet the applicable provisions of the regulations incorporated by reference in Type Certificate No. A3WE or the applicable regulations in effect on the date of application for the change. The regulations incorporated by reference in the type certificate are commonly referred to as the "original type certification basis." The specific regulations included in the certification basis for the Boeing Model 727-200 and 727-200F series airplanes include Civil Air Regulations (CAR) 4b, as amended by amendment 4b-1 through 4b-11.

If the Administrator finds that the applicable airworthiness regulations (i.e., CAR 4b, as amended) do not

contain adequate or appropriate safety standards for the Boeing Model 727-200 and 727-200F series airplanes because of a novel or unusual design feature, special conditions are prescribed under the provisions of § 21.16.

Special conditions, as appropriate, are issued in accordance with § 11.49, as required by §§ 11.28 and 11.29, and become part of the airplane's type certification basis in accordance with § 21.101(b)(2).

Special conditions are initially applicable to the model for which they are issued. Should Rockwell Collins apply at a later date for a supplemental type certificate to modify any other model included on the same type certificate to incorporate the same novel or unusual design feature, these special conditions would also apply to the other model under the provisions of § 21.101(a)(1).

### Novel or Unusual Design Features

The modified Boeing Model 727-200 and 727-200F series airplanes will incorporate the Rockwell Collins MMR system, which performs critical functions. The MMR system contains electronic equipment for which the current airworthiness standards (14 CFR part 25) do not contain adequate or appropriate safety standards that address protecting this equipment from the adverse effects of HIRF. This system may be vulnerable to high-intensity radiated fields external to the airplane. Accordingly, this system is considered to be a "novel or unusual design feature."

### Discussion

There is no specific regulation that addresses requirements for protection of electrical and electronic systems from HIRF. Increased power levels from ground-based radio transmitters and the growing use of sensitive electrical and electronic systems to command and control airplanes have made it necessary to provide adequate protection.

To ensure that a level of safety is achieved that is equivalent to that intended by the regulations incorporated by reference, special conditions are needed for the Boeing Model 727-200 and 727-200F series airplanes modified to include the Rockwell Collins MMR system. These special conditions will require that this system, which performs critical functions, must be designed and installed to preclude component damage and interruption of function due to both the direct and indirect effects of HIRF.

### High-Intensity Radiated Fields (HIRF)

With the trend toward increased power levels from ground-based transmitters, plus the advent of space and satellite communications coupled with electronic command and control of the airplane, the immunity of critical digital avionics systems to HIRF must be established.

It is not possible to precisely define the HIRF to which the airplane will be exposed in service. There is also uncertainty concerning the effectiveness of airframe shielding for HIRF. Furthermore, coupling of electromagnetic energy to cockpit-installed equipment through the cockpit window apertures is undefined. Based on surveys and analysis of existing HIRF emitters, an adequate level of protection exists when compliance with the HIRF protection special condition is shown with either paragraph 1 OR 2 below:

1. A minimum threat of 100 volts rms per meter electric field strength from 10 KHz to 18 GHz.

a. The threat must be applied to the system elements and their associated wiring harnesses without the benefit of airframe shielding.

b. Demonstration of this level of protection is established through system tests and analysis.

2. A threat external to the airframe of the following field strengths for the frequency ranges indicated. Both peak and average field strength components from the Table are to be demonstrated.

Frequency	Field Strength (volts per meter)	
	Peak	Average
10 kHz–100 kHz .....	50	50
100 kHz–500 kHz .....	50	50
500 kHz–2 MHz .....	50	50
2 MHz–30 MHz .....	100	100
30 MHz–70 MHz .....	50	50
70 MHz–100 MHz .....	50	50
100 MHz–200 MHz .....	100	100
200 MHz–400 MHz .....	100	100
400 MHz–700 MHz .....	700	50
700 MHz–1 GHz .....	700	100
1 GHz–2 GHz .....	2000	200
2 GHz–4 GHz .....	3000	200
4 GHz–6 GHz .....	3000	200
6 GHz–8 GHz .....	1000	200
8 GHz–12 GHz .....	3000	300
12 GHz–18 GHz .....	2000	200
18 GHz–40 GHz .....	600	200

The field strengths are expressed in terms of peak of the root-mean-square (rms) over the computer modulation period.

The threat levels identified above are the result of an FAA review of existing studies on the subject of HIRF, in light of the ongoing work of the Electromagnetic Effects Harmonization

Working Group of the Aviation Rulemaking Advisory Committee.

### Applicability

As discussed above, these special conditions are applicable to the Boeing Model 727-200 and 727-200F series airplanes modified by Rockwell Collins to include the MMR system. Should Rockwell Collins apply at a later date for a design change approval to modify any other model included on Type Certificate A3WE to incorporate the same novel or unusual design feature, these special conditions would apply to that model as well under the provisions of § 21.101(a)(1).

### Conclusion

This action affects only certain design features on the Boeing Model 727-200 and 727-200F series airplanes modified by Rockwell Collins to include the Rockwell Collins MMR system installation. It is not a rule of general applicability and affects only the applicant who applied to the FAA for approval of these features on the airplanes.

The substance of the special conditions for these airplanes has been subjected to the notice and comment procedure in several prior instances and has been derived without substantive change from those previously issued. It is unlikely that prior public comment would result in a significant change from the substance contained herein. For this reason, and because a delay would significantly affect the certification of the airplane, which is imminent, the FAA has determined that prior public notice and comment are unnecessary and impracticable, and good cause exists for adopting these special conditions immediately. Therefore, these special conditions are being made effective upon issuance. The FAA is requesting comments to allow interested persons to submit views that may not have been submitted in response to the prior opportunities for comment described above.

### List of Subjects in 14 CFR Part 25

Aircraft, Aviation safety, Reporting and recordkeeping requirements.

The authority citation for these special conditions is as follows:

**Authority:** 49 U.S.C. 106(g), 40113, 44701, 44702, 44704.

### The Special Conditions

Accordingly, pursuant to the authority delegated to me by the Administrator, the following special conditions are issued as part of the supplemental type certification basis for

the Boeing Model 727-200 and 727-200F series airplanes as modified by Rockwell Collins.

1. *Protection from Unwanted Effects of High-Intensity Radiated Fields (HIRF)*. Each electrical and electronic system that performs critical functions must be designed and installed to ensure that the operation and operational capability of these systems to perform critical functions are not adversely affected when the airplane is exposed to high-intensity radiated fields.

2. For the purpose of these special conditions, the following definition applies: *Critical Functions*: Functions whose failure would contribute to or cause a failure condition that would prevent the continued safe flight and landing of the airplane.

Issued in Renton, Washington, on March 6, 2000.

**Vi L. Lipski,**

*Acting Manager, Transport Airplane Directorate, Aircraft Certification Service, ANM-100.*

[FR Doc. 00-6125 Filed 3-13-00; 8:45 am]

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## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 39

[Docket No. 99-NM-319-AD; Amendment 39-11630; AD 2000-05-20]

**RIN 2120-AA64**

#### **Airworthiness Directives; Dassault Model Fan Jet Falcon Series Airplanes; Model Mystere-Falcon 20, 50, 200, and 900 Series Airplanes; and Model Falcon 10, 900EX, and 2000 Series Airplanes**

**AGENCY:** Federal Aviation Administration, DOT.

**ACTION:** Final rule.

**SUMMARY:** This amendment adopts a new airworthiness directive (AD), applicable to certain Dassault Model Fan Jet Falcon series airplanes; Model Mystere-Falcon 20, 50, 200, and 900 series airplanes; and Model Falcon 10, 900EX, and 2000 series airplanes, that requires a functional test of the passenger oxygen masks, determination of the part number of the installed oxygen mask bags; and corrective action, if necessary. This amendment is prompted by issuance of mandatory continuing airworthiness information by a foreign civil airworthiness authority. The actions specified by this AD are intended to ensure that proper plastic

bags of the passenger oxygen masks are installed, and that the masks are functioning properly. Improper plastic bags that have cracks or improperly functioning masks could result in insufficient oxygen to passengers in the event of rapid depressurization of the airplane.

**EFFECTIVE DATE:** April 18, 2000.

**ADDRESSES:** Information pertaining to this amendment may be examined at the Federal Aviation Administration (FAA), Transport Airplane Directorate, Rules Docket, 1601 Lind Avenue, SW., Renton, Washington.

#### **FOR FURTHER INFORMATION CONTACT:**

Norman B. Martenson, Manager, International Branch, ANM-116, FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington 98055-4056; telephone (425) 227-2110; fax (425) 227-1149.

**SUPPLEMENTARY INFORMATION:** A proposal to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) to include an airworthiness directive (AD) that is applicable to certain Dassault Model Fan Jet Falcon series airplanes; Model Mystere-Falcon 20, 50, 200, and 900 series airplanes; and Model Falcon 10, 900EX, and 2000 series airplanes was published in the **Federal Register** on December 9, 1999 (64 FR 68963). That action proposed to require a functional test of the passenger oxygen masks, determination of the part number of the installed oxygen mask bags; and corrective action, if necessary.

#### **Comments**

Interested persons have been afforded an opportunity to participate in the making of this amendment. No comments were submitted in response to this AD or the FAA's determination of the cost to the public.

#### **Conclusion**

The FAA has determined that air safety and the public interest require the adoption of the rule as proposed.

#### **Cost Impact**

The FAA estimates that as many as 767 airplanes of U.S. registry will be affected by this AD, that it will take approximately 4 work hours per airplane to accomplish the required test and determination, and that the average labor rate is \$60 per work hour. Based on these figures, the cost impact of the AD on U.S. operators is estimated to be \$184,080, or \$240 per airplane.

The cost impact figure discussed above is based on assumptions that no operator has yet accomplished any of the requirements of this AD action, and that no operator will accomplish those